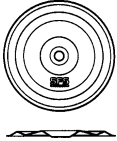


PRODUCT DATA SHEET

BCRS #12 Fastener: For insulation attachment

BCRS #12 Fasteners are designed to be used with these Bondcote insulation plates:

BCRS 3" Insulation Plate:



#12-13 Phillips Head Fastener	
Material:	Case hardened carbon steel.
Thread Diameter:	0.222"
Shank Diameter:	0.167"
Head Diameter:	0.448"
Head Style:	#3 Phillips recess.
Point Type:	Rico Point
Coating:	Sentri XP Exceeds FM 4470 for corrosion protection.

Pull-out Load		
Steel Deck:	22 ga.	513 lbs.
Steel Deck:	20 ga.	695 lbs.
Steel Deck:	18 ga.	787 lbs.
Plywood:	3/4"	575 lbs.
2x Lumber:	1" pen.	462 lbs.

Pull-out values obtained from Factory Mutual testing. Field testing should be conducted to obtain exact results for each specific application.

Size	Thread Length	Bondcote Style	Pieces/Bucket	Weight/Bucket
#12 x 1 5/8"	Full	2120	1000	12
#12 x 2 1/4"	Full	2122	1000	16
#12 x 2 7/8"	Full	2124	1000	20
#12 x 3 1/4"	Full	2132	1000	24
#12 x 3 3/4"	Full	2134	1000	26
#12 x 4 1/2"	Full	2142	1000	31
#12 x 5"	4"	2150	1000	34
#12 x 6"	4"	2160	1000	41
#12 x 7"	4"	2170	500	24
#12 x 8"	4"	2180	500	26

Application

Fasteners are designed for the attachment of insulation to steel (18-24 ga.) and wood. To meet FM requirements, the fastener must penetrate the steel deck 3/4". Minimum penetration in wood is 1". To achieve maximum installation performance, fasteners should be installed using an 1800-2500 RPM screw gun.

Technical Services

For assistance with design, testing, or applications, contact Bondcote's Technical Services Department.



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